

On a boundary value problem for . . .

S/044/62/000/001/029/061  
C111/C444

$$\sum_{j=0}^N \left[ a_{lj}(t) (\Delta^j u)^+ + \frac{1}{\pi i} \int_L \frac{K_{lj}(t, t_1) (\Delta^j u)^+}{t_1 - t} dt_1 \right] +$$

$$+ \sum_{j=0}^{n-1} \left[ b_{lj}(t) (\Delta^j u)^- + \frac{1}{\pi i} \int_L \frac{P_{lj}(t, t_1) (\Delta^j u)^-}{t_1 - t} dt_1 \right] = f_l(t),$$

$$l = 0, \dots, n-1.$$

at infinity the condition

$$\frac{\partial^{2n-2} u}{\partial z^k \partial \bar{z}^{2n-2-k}} = O(1), \quad z = x + iy,$$

and the conditions of regularity:

All partial derivatives

$$\frac{\partial^{m+k} u}{\partial z^k \partial \bar{z}^m}$$

Card 2/3

On a boundary value problem for ...  
 S/044/62/000/001/029/06;  
 C111/C444  
 are continuous in  $S^+L$  for  $k, m \leq N+1$ , and in  $S^-L$  for  $k, m \leq n$ . This problem is denoted as the problem T.

The author uses the general complex representation of the regular solutions of the problems (T) by holomorphic functions, and reduces his problem to a linear boundary problem for  $n$  couples of piecewise holomorphic functions  $\phi_k(z)$ ,  $k=0, \dots, n-1$ , which on  $L$  satisfy certain boundary conditions and vanish at infinity (problem  $(T_1)$ ). The last problem is reduced in the usual way by use of the integral representation of holomorphic functions, to a system of singular integral equations  $K\varphi = g$  of the normal type for which the theorems of F. Noether are valid; the question of the solvability of the problem (T) leads to the investigation of the solvability of the homogeneous adjoint system  $K'\psi = 0$ . The system  $K'\psi = 0$  is again reduced to more simple but equivalent relations.

[Abstracter's note: Complete translation.]

Card 3/3

KERIMOV, T. M., CAND PHYS-MATH SCI, <sup>1</sup>BOUNDARY VALUE PROBLEMS FOR ELLIPTIC EQUATIONS. BAKU, 1961. (COM ~~ON~~ <sup>1</sup>HIGHER AND SEC SPEC ED OF THE COUNCIL OF MINISTERS AZSSR. AZERBAY-DZHAN STATE UNIV IM S. M. KIROV). (KL, 2-61, 199).

-14-

GOLIN, P.I. (Dagestanskaya ASSR); SHAHILMAMADOV, Z.A., kand. veterin.  
nauk (Dagestanskaya ASSR); KUPCHOV, G.

White muscle disease in lambs. Veterinariia 41 no.2:60-61 F 169.  
(MIRA 10:3)

1. Glavnyy veterinarnyy vrach Rutul'skoy stantsii po ber'be s  
boleznyami zhivotnykh, Dagestanskaya ASSR (For Kerimov).

ANDRIASYAN, G.K.; KERIMOV, V.M.

Use of local Matsesta procedures in the treatment of certain  
skin diseases. Vop. kur., fizioter. i lech. fiz. kul't. 28  
no.4:357-358 J1-Ag '63. (MIHA 17:9)

1. Iz kurortnoy polikliniki No.2 v Sochi (glavnyy vrach L.I.  
Kuznetsova) i Upravleniya bal'neologicheskikh uchrezhdeniy  
Matsesty (nachal'nik M.V. Logacheva).

DOVZHANSKIY, S.I., kand.med.nauk; MALKIN, I.I.; SMIRNOVA, Ye.P.; KORESHEVA, I.I.; KIBZUN, V.A.; SHAVLAK, L.I.; SAMANCHUK, I.M.; KOKHANOV, Ye.M.;  
Prinimali uchastiye: KERIMOV, V.M.; LEV, Kh.A.; GULUBEV, A.F.

Combined hydrogen sulfide-radon baths in treating chronic  
dermatoses at the Sochi-Matsesta Health Resort. Vest. dermat.  
i ven. 38 no.9:47-51 S '64. (MIRA 18:4)

1. Sochinskiy institut kurortologii i fizioterapii (dir. N.Ye. Romanov) i dermatologicheskiy sanatoriy "Raduga" (glavnyy vrach G.K.Gonsales).

KERIMOV, Ye. Ch.

USSR/Cultivated Plants. Cereals.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77598.

Author : ~~Kerimov, Ye. Ch.~~

Inst : AS AzerbSSR.

Title : Influence of Mineral Fertilizer on the Biochemical  
Composition of Grain of Different Varieties of  
Wheat in Azerbaydzhan.

Orig Pub: Me'ruzeler. AzerbSSR Elmler Akad., Dokl. AN Azerb-  
SSR, 1957, 13, No 8, 893-900.

Abstract: Data of an experiment, conducted (1952-1954) by  
Mamedov at the Karabakh Scientific-Experiment  
Base, in dry farming and in irrigation conditions.  
Watering without fertilizer decreases the quantity  
of protein and fibrin, but increases the quantity  
of starch. The introduction of fertilizer with

Card : 1/2

KERIMOV, YU. KH.

Call Nr: AF 1154274

AUTHOR:

*YUSIF KHANKISHI*  
Kerimov, Yu. Kh.

TITLE:

We Drill in the Sea (My burim v more)

PUB. DATA:

Azerbaydzhanskoye gosudarstvennoye izdatel'stvo neftyanoy i nauchno-tekhnicheskoy literatury, Baku, 1957, 37 pp., 1,000 copies

ORIG. AGENCY:

None given

EDITOR:

Seid-Rza, M.K.; Ed. of the Publishing House: Shteyngel', A.S.;  
Corrector: Akhundov, Ch. M.

PURPOSE:

The booklet is intended for specialists in drilling oil and gas wells.

COVERAGE:

The author, a drilling crew chief at Neftyanyye Kamni, relates his personal experiences at the Neftyanyye Kamni oil field. Problems encountered in drilling vertical and deflected wells are described. Recommendations concerning further possible improvements are made. The author discusses briefly his experience prior to coming to Neftyanyye Kamni and his subsequent work there. The use of weighting compounds in the drilling fluid is discussed as well as the

Card 1/2

Call Nr: AF 1154274

We Drill in the Sea (Cont)

introduction of the shortened turbodrills (in deflected wells) and a larger drilling platform from which 24 holes can be drilled. Also discussed are larger containers for transporting the weighting compounds, the use of pipes without internal upsets and with welded joints, which pipes are subsequently used as casing, special three-blade bits, and the use of centralizers. The following engineers are mentioned: Arganov, S.A.; Movsumov, A.A.; Kyazimov, Ya. R.; Seid-Rza, M.K.; Duel', P.A.; Abasov, K.A.; Gadzhiyev, B.A.; Loshkarev, K.I.; Kuligin, N.A.; Karasik, G. Ye.; and Karash, E.B. There are no references and no table of content.

AVAILABLE: Library of Congress

Card 2/2



1. KORIMOV, Yu.M.
2. USSR (600)
4. Electric Circuit Breakers
7. Experience in repairing air circuit-breakers, Eng. Rab.energ. 3 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

KERIMOV, Yusup

The electric drill is a reliable aggregate. Neftianik 8 no.1:35  
Ja '63. (MIRA 16:3)

1. Inzhener po bureniyu proizvodstvenno-tekhnicheskogo otdela  
eksperimental'noy kontory elektrobureniya tresta Turkmenburneft'.  
(Oil well drilling--Equipment and supplies)

KERIMOV, Z.S. ....

Longitudinal vibrations of the drill-pipe column. Dokl. AN  
Azerb. SSR 17 no.8:671-675 '61. (MIRA 14:10)

1 Institut nefti i khimii imeni M.Azizbekova An AzerbSSR.  
Predstavleno akademikom AN AzerSSR Z.I. Khalilovym.  
(Oil well drilling)

KERIMOV, Z.G.

Determination of dynamic stresses in drill pipes. Izv. AN Azerb.  
SSR, Ser. fiz.-mat i tekhn. nauk no.2:125-129 '63. (MIRA 16:10)

KERIMOV, Z.G.

Determination of the stresses arising in a drilling string while it is being lowered by an elevator or clamps. Izv.vys.ucheb. zav.;  
(MIRA 17:9)  
neft' i gaz 6 no.11:23-27 '63.

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

KERIMOV, Z.G.

Determination of the stresses originating in boring pipes in  
lowering the boring instrument by the hydraulic and mechanical  
brake of a boring winch. Izv. AN Azerb. SSR. Ser. fiz.-mat. 1  
tekh. nauk no.6:115-120 '63. (MIRA 17:3)

RASTORGUYEVA, V. S.; BAKAYEV, Ch. Kh.; PIREYKO, L. A.; ISAYEV, M. I.; KERIMOVA, A. M.

"Tipy dvuyazyniya u ipanskikh narodov Sovetskogo Soyuz." "

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,  
Moscow, 3-10 Aug 64.

KERIMOVA, A.A.

Lithologic and reservoir-rock properties of the sediments of the  
sub-Kirmaki and Kirmaki series of the Puzosny-Hashtagi oil fields.  
Izv. vys. ucheb. zav.; neft' i gaz 7 no.7:19-22 '64. (MIRA 17:9)

1. Azerbaydzhanskiy institut nefti i khalik is. N. Azizbekova.



KARIMOVA, A.A.

Regularities of the spacing of reservoir rocks in the Sub-Kirmaki series of a producing formation in the Apsheron Peninsula. Izv. vys. ucheb. zav.; neft' i gaz 8 no.2:17-18 '65. (MIRA 18:3)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

PALATNIK, G.G.; KERIMOVA, A.A.; KREYNIN, Ye.F.

Determining the oil and gas saturation factor of the rocks of the Kirmaki series based on a study of the Binagady and Chakhnaglyar oil fields. Izv. vys. ucheb. zav.; neft' i gaz 8 no.4:13-15 '65.  
(MIRA 18:5)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

KERIMOVA, D. N., Cand. Phys-Math. Sci. (diss) "Approximate Solution of One Border Task for Systems of Ordinary Differential Equations." Baku, 1961, 6 pp (Azerbaijani State Univ.) 150 copies (KL Supp 12-61, 251).

L 1630-66 EWT(d) IJP(c)

ACCESSION NR: AP5022081

UR/0249/65/021/005/0008/0012

AUTHORS: Shafiyev, R. A.; Kerimova, D. N.

TITLE: Approximate solution of a nonlinear problem in filtration theory

SOURCE: AN AzerbSSR. Doklady, v. 21, no. 5, 1965, 8-12

TOPIC TAGS: approximation calculation, differential equation

ABSTRACT: The authors consider

$$\begin{cases} \frac{d^2 u}{dx^2} = f\left(x, u, \frac{du}{dx}, v\right) \\ \frac{dv}{dx} = g\left(x, u, \frac{du}{dx}, v\right) \end{cases} \quad (1)$$

subject to

and

$$u(a) = u(b) = 0 \quad (2)$$

$$v(a) = 0 \quad (3)$$

Card 1/2

L 1630-66

ACCESSION NR: AP5022081

They obtain an approximate solution of this problem using the Newton-Kantorovich method, establish differentiability properties of the operator involved in this method, and obtain error estimates. Orig. art. has: 14 formulas.

ASSOCIATION: Institut matematiki, Akademii nauk, Azerbaydzhanskoy SSR (Institute of Mathematics, Academy of Sciences, Azerbaidzhan SSR)

SUBMITTED: 24Jul64

ENCL: 00

SUB CODE: MA

NO REF SOV: 007

OTHER: 001

Card 2/2

I. 17698-66 EWT(m)/T DJ

ACC NR: AP6(07671

(A)

SOURCE CODE: UR/0413/66/000/003/0043/0043

INVENTOR: Muliyev, A. M.; Zeynalova, G. A. K.; Suleymanova, F. G.; Kerimova,  
E. B.-A. K.; Agakishiyeva, A. M.-A. K.; Khiger, V. F.

ORG: none

TITLE: Preparative method for a multipurpose additive to motor oils. Class 23,  
No. 178437 [announced by Institute of Petrochemical Processes, AN Azerbaydzhan SSR  
(Institut neftekhimicheskikh protsessov AN Azerbaydzhanskoy SSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1966, 43

TOPIC TAGS: lubricant additive, lubricating oil

ABSTRACT: An Author Certificate has been issued for a preparative method for an  
improved multipurpose additive to motor oils. The method involves treatment with  
phosphorus pentoxide of an alkylphenol-formaldehyde-ammonia condensation product.  
[EO]

SUB CODE: 21/ SUBM DATE: 27Oct64/ ATD PRESS: 4210

Card

1/1

UDC: 621.892.86:546.185

ACC NR: AP7003905

ship of the temperature-heat conductivity of GaS single crystals obtained from gallium monochalcogenides is somewhat weaker than should be expected from the theory of lattice heat conductivity. The heat conductivity of TlS and TlTe crystals decreases with an increase of temperature. The heat conductivity of GaS, GaSe, GaTe, InS, and InSe crystals increases at high temperatures ( $T > 380$  to  $490^\circ\text{K}$ ) due to the appearance of additional heat conductivity. This additional portion of the total heat conductivity increases exponentially for InS and InSe crystals within the high-temperature range  $T > 400$  to  $480^\circ\text{K}$ , and for GaSe and GaTe up to a certain temperature. According to electrical measurements, the intrinsic conductivity region for the above crystals was not received within the temperature range investigated. The exponential increase and the low value of the activation energy within this range is transferred by excitons. Sharp anisotropy of the heat conductivity is representative of laminated A<sup>III</sup> B<sup>VI</sup> crystals over the whole temperature range investigated. The authors thank Professor G. B. Abdullaev for his valuable advice. Orig. art. has: 1 figure.

[NT]

SUB CODE: 20/SUBM DATE: 23Nov66/ORIG REF: 006/OTH REF: 003/

Card 2/2

RZA-KULIYEVA, Kh.M.; GERSHKOVICH, G.M.; KERIMOVA, L.K.; ALIYEVA, S.G.;  
EFENDIYEV, N.M.

Some data on the state of the ovarian-menstrual and parturient  
functions in women workers at the Sumgait Synthetic Rubber Plant.  
Azerb. med. shur. 42 no. 7:62-64 J1 '65 (MIRA 19:1)



GUSEYNOV, R.N., doktor med. nauk, prof.; KERIMOVA, L.R., klinicheskiy  
ordinator

Hypochromic anemia in pregnancy. Akush. i gin. 39 no.4:66-70  
Jl-Ag'63 (MIRA 16:12)

1. Iz otdela materinstva Nauchno-issledovatel'skogo instituta  
okhrany materinstva i detstva (dir. K.Ya. Farandzheva) Mini-  
sterstva zdravookhraneniya Azerbaydzhanskoy SSR.

USSR / Microbiology. Human and Animal Pathogens.  
Corynebacteria.

F

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5638.

Author : Kerimova, M. A.

Inst : Not given.

Title : Treatment of Diphtheria Carriers with Biomycin  
According to the Method of Z. V. Yermol'yev  
(Author's Report).

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiol., 1958,  
No 2, 120.

Abstract: Biomycin and ecmolin were used to treat 79 carriers of diphtheria according to the Yermol'yev method. Of these, 54, 23, and 2 carriers were freed of bacilli after one, two, and three courses of treatment, respectively. Carriers in whom,

Card 1/2

APPROVED FOR RELEASE: 06/13/2000

USSR / Microbiology. Human and Animal Pathogens.  
Corynebacteria.

F

CIA-RDP86-00513R000721530005-8"

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5638.

Abstract: pathological changes in the pharynx and nose were absent, were, as a rule, no longer carriers after one course, while those in which there were such changes were free from bacilli only after two, or in rare cases, three courses. -- M. A. Gruzman.

Card 2/2

KERIMOVA, M. A., CAND MED SCI, <sup>data for</sup> ~~"MATERIAL ON THE EPI-~~  
DEMOLOGY OF DIPHT<sup>h</sup>TERIA IN THE CITY OF KIROVABAD." BAKU,  
1961. (AZERBAYDZHAN STATE MED INST IN N. NARIMANOV).  
(KL, 3-61, 232).

AUSLENDER, G. [Ausländer, G.] (Ploeshti, Rumyniya); KERIMOVA, M.K.  
[translator]

Expansion of a function into a series and its resolution into  
continued fractions. Zhur. vych. mat. i mat. fiz. 3 no.3:  
565-568 My-Je '63. (MIRA 16:5)  
(Series) (Functions) (Fractions, Continued)

AKHMEDZADE, D.A.; YASNOPOL'SKIY, V.D.; KERIMOVA, M.M.; KRASNOSEL'SKAYA,  
Ye.A.

Nitrosation of methylcyclohexane and cyclohexanecarboxylic  
acid. Zhur.prikl.khim. 37 no. 1:228-229 Ja '64. (MIRA 17:2)

L 16993-66 EWP(j)/EWT(m)/T IJP(c) RF/WW

ACC NR: AP6027273

(A)

SOURCE CODE: UR/0191/66/000/000/0012/0015

AUTHOR: Akhmedzade, D. A.; Yasnopol'skiy, V. D.; Govorkova, Ye. N.; Magerranova, A.D.;  
Mamedova, D. A.; Aslanova, A. A.; Shabanov, A. L.; Kerimova, M.M.

ORG: none

TITLE: Organophosphorus stabilizers for polypropylene

SOURCE: Plasticheskiye massy, no. 8, 1966, 12-15

TOPIC TAGS: organic phosphorus compound, polypropylene plastic, chemical stabilizer

ABSTRACT: Thirteen different organophosphorus compounds were synthesized and tested as stabilizers of thermal and light aging of polypropylene. All were found to be better as thermostabilizers, except one, which was also effective against light aging. Analysis of the data from the standpoint of the structure of the compounds tested indicates that organophosphorus stabilizers for polypropylene should be prepared from alkyl phenols rather than esters of salicylic acid. Because of natural aging in air after the action of the stabilizer has ceased, the mechanical strength of polypropylene decreases; in this connection, the effect of the same stabilizers on secondary polypropylene was studied, and a slight diminution of the effectiveness of the stabilizer was observed. It is shown that by suitably selecting the stabilizer and its concentration, one can effectively improve the aging properties of secondary polypropylene. The organophosphorus compounds act not only as stabilizers, but in some cases also promote

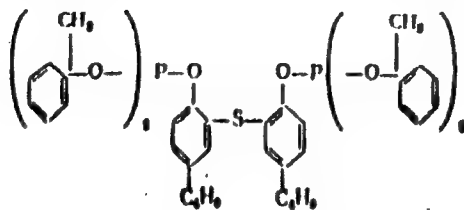
Card 1/2

UDC: 678.742.3:678.048.9

L 16993-66

ACC NR: AP6027273

cross-linking in the polymer. The most effective stabilizer has the formula



Orig. art. has: 2 tables.

SUB CODE: 07,11/ SUBM DATE: none/ ORIG REF: 002

Card 2/2

MOVSUMZADE, M.M.; KERIMOVA, N.G.

Synthesis and study of dimethyloxamide and its ethers.  
Azerb. khim. zhur. no.2:13-20 '63. (MIRA 16:8)



KERIMOVA, N.I.

Effect of furfural in selective refining of petroleum oils  
on the excretion of uropepsin. Azerb. med. zhur. 42 no. 7:  
57-62 J1 '65 (MIRA 19:1)

1. Iz Nauchno-issledovatel'skogo instituta gigiyeny truda i  
professional'nykh zabolevaniy imeni M.M. Efendiyeva Ministerstva  
zdravookhraneniya (nauchnyy rukovoditel' zav. kafedroy gigiyeny  
truda s kursom professional'nykh zabolevaniy Azerbaydzhanskogo  
meditsinskogo instituta imeni Narimanova - dotsent B.A. Shekht-  
man).

KERIMOVA, N.M.; RAMAYEVA, M.M.

Our experience in the treatment of pneumonia in young  
children. Azerb. med. zhur. 42 no. 10:43-47 0 '65  
(MIRA 19:1)

PISHNAMAZZAE, B.F.; SHIKHALIYEVA, R.A.; KERIMOVA, R.M.; KAMBAROVA, S.S.

Synthesis of di-(3-chloro-2-butene) ester of phthalic acid  
by reesterification. Azerb.khim.shur. no.4:38-41 '65.  
(MIRA 18:12)

1. Institut neftekhimicheskikh protsessov AN AzSSR.

PISHNAMAZZADE, B.F.; GASANOVA, Sh.D.; KERIMOVA, R.M....

Alkylation of some chloromethyl esters of carboxylic acids with 1-butene and 1-pentene. Dokl. AN Azerb, SSR 19 no.11:23-29 '63.  
(MIRA 17:3)

1. Institut neftekhimicheskikh protsessov AN AzerSSR. Predstavleno akademikom AN AzSSR M.F. Nagiyevym,

A L 11584-66 ENT(m)/ENP(j) RPL NW/RM

ACC NR: AP5028890 SOURCE CODE: UR/0316/65/000/004/0038/0041  
 44,55 44,55 44,55 44,55  
 AUTHOR: Pishnamazzade, B. F.; Shikhaliyeva, R. A.; Kerimova, R. H.; Kambarova, S. S.  
 44,55  
 ORG: INKhP AN AzerbSSR  
 TITLE: Synthesis of di-(3-chlorobutene-2)-Pb ester of phthalic acid by ester inter-  
 change  
 SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 4, 1965, 38-41  
 43 42 B  
 TOPIC TAGS: phthalic acid, esterification, chlorinated organic compound, polymeriza-  
 tion, copolymer, ester  
 ABSTRACT: The object of the study was to find optimum conditions for using 1,3-di-  
 chlorobutene-2, a byproduct of the commercial production of chloroprene in this syn-  
 thesis. The 1,3-dichlorobutene-2 was first converted to 3-chlorobutene-2-ol-1 by saponi-  
 fication with a 10% solution of Na<sub>2</sub>CO<sub>3</sub>. A 87% yield (theory based on reacted dimethyl-  
 phthalate) of di-(3-chlorobutene-2)-Pb ester of phthalic acid was obtained using the  
 following ester interchange technique: a mixture of 16 parts of 3-chlorobutene-2-ol-1  
 with absolute diethyl- and dimethyl esters and phthalic acid was heated for 30 minutes  
 at 50°C under agitation and the product settled for 66 hours. The molar ratio of  
 starting phthalates to 3-chlorobutene-2-ol-1 was 1:10. About 0.1023-0.1123 moles of  
 metallic sodium were used per mole of starting alcohol. The reaction product was wash-

Card 1/2

L 11584-66

ACC NR: AP5028890

ed, treated with HCl, extracted with ether and distilled under vacuum. Elemental analysis of the product indicated the formula:  $C_{16}H_{16}O_4Cl_2$ . It was found that di-(3-chlorobutene-2)-Pb ester of phthalic acid can be copolymerized with styrene and methylmethacrylate. Such copolymerization yields various products depending upon the proportion of starting materials. Copolymerization reactions were conducted in the presence of benzoperoxide at  $140^{\circ}C$  for 4-8 hours. Orig. art. has: 3 tables.

SUB CODE: 07/

SUBM DATE: 19Jun64/

ORIG REF: 006/

OTH REF: 003

HW

Card 2/2

L 00869-67 T/ENP(t)/BTI TJP(c) JD/JQ

ACC NR: AF6024353

SOURCE CODE: GE/0030/66/016/001/K015/K016

AUTHOR: Akhundov, G. A.; Kerimova, T. G.

43

ORG: Institute of Physics, Academy of Sciences of the Azerbaydzhan SSR, Baku

B

TITLE: Infrared absorption of  $A^{III}B^{VI}$  single crystals 9

SOURCE: *Physica status solidi*, v. 16, no. 1, 1966, K15-K16

TOPIC TAGS: gallium compound, sulfide, selenide, indium compound, thallium compound, semiconductor single crystal

ABSTRACT: Transmission spectra of GaS, GaSe, InSe, and TlSe single crystals in the 0.75-25  $\mu$  range were recorded at 300°K with an infrared spectrometer (see Fig. 1 and 2). It is apparent that GaS and GaSe have wide transmission ranges, 0.75-14  $\mu$  and 0.75-17  $\mu$  respectively, and absorption bands at 14-25  $\mu$ . The intensity of these bands does not vary from sample to sample even if impurities are introduced, indicating that these bands are probably due to lattice vibrations. The spectra of InSe and TlSe also show a wide range of transparency. In contrast to GaS and GaSe, the fundamental absorption edge in the case of InSe and TlSe lies in the infrared spectral region. The forbidden gap width determined from the fundamental absorption edge is 1.2 and 0.8 eV for InSe and TlSe respectively. Authors thank Dr. G. B. Abdullayev for many helpful discussions. Orig. art. has: 2 figures.

Card 1/2

L 00869-67

ACC NR: AP6024353

0

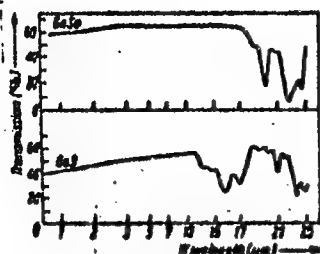


Fig. 1. Transmission spectra of GaS and GaSe single crystals at 300°K

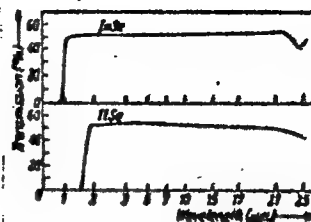


Fig. 2. Transmission spectra of InSe and TlSe single crystals at 300°K

SUB CODE: 20/ SUBM DATE: 31May66/ ORIG REF: 001/ OTH REF: 001

Card 2/2 LS



KERIMOVA, Ye. S.

KERIMOVA, Ye.S. (Leningrad, Lermontovskiy pr., d.8A, kv.10)

Case of surgical treatment of adrenal pheochromocytoma. Vop.onk.  
3 no.3:361-364 '57. (MLRA 10:8)

1. Iz khirurgicheskogo otdeleniya (zav. - prof. A.A.Rusanov)  
bol'nitay im. Chudnovskogo (glavn. vrach - A.Shakunov)  
(PHEOCHROMOCYTOMA, case reports  
surg. (Rus))

KERIMOVA, Ye.S.

Ruptures of the duodenum caused by contused wounds [with summary in English]. Khirurgiia 34 no.7:25-31 J1'58 (MIRA 11:9)

1. Iz khirurgicheskogo otdelaniya Leningradskoy bol'nitsy imeni Chudnovskogo (glavnyy vrach A.N. Shakunov), nauchnyy rukovoditel'-deystvitel'nyy chlen AMN SSSR zaslyzhenyy deyatel' nauk general-mayor A.V. Mel'nikov [deceased].

(DUODENUM, wounds and injuries

tears caused by blunt abdom. trauma (Rus))

(ABDOMINAL WALL, wounds and injuries

blunt trauma causing tearing of duodenum (Rus))

KERIMOVA, Ye.B. (Leningrad, Lermontovskiy pr., d.8-a, kv.10)

Subcutaneous rupture of the intestine. Vest.khir. 80 no.5:73-80  
My '58 (MIRA 11:7)

1. Iz khirurgicheskogo otdeleniya klinicheskoy bol'nitsy im.  
Chudnovskogo (glavnyy vrach A.N. Shakunov, nauchnyy rukovoditel'  
- prof. A.V. Mel'nikov).  
(INTESTINES, rupture,  
subcutaneous (Rus))

KERIMOVA, Ye. S. (Leningrad, Lermontovskiy pr., d. 8-a, kv. 10); GLUZBARO, B.Ye.

Gastric tuberculosis simulating cancer. Vop. onk. 5 no.1:115-117  
'59. (MIRA 12:3)

1. Klinicheskaya bol'nitsa imeni Churnovskogo (glavnyy vrach - A.N.  
Shakunov, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR  
z.d.n. General-mayor med. sluzhby A.V. Mel'nikov [deceased]  
(STOMACH NEOPLASMS, differ. diag.  
tuberc. (Rus))  
(TUBERCULOSIS, GASTROINTESTINAL, differ. diag.  
cancer of stomach (Rus))

ХИМИЧКА, YeS., Cand Med Sci --(Diss) "Closed injuries to the intestines,"

Leningrad, 1960, 15 pp (Leningrad Pediatrics Medical Institute) (KL, 36-60, 117)

KERIMOVA, Yelena Sergeyevna; KOROVIN, A.S., red.; SAFRONOVA, I.M.,  
tekhn. red.

[Closed intestinal injuries] Zakrytye povrezhdenia kishok.  
Leningrad, Medgiz, 1963. 126 p. (MIRA 16:5)  
(INTESTINES--WOUNDS AND INJURIES)

KERIMOV, Z.A.; BAYASANOV, D.B.

Investigating the dynamics of the outlets to the gas-regulator  
stations in long-distance gas transportation system. Izv. vys.  
ucheb. zav.; nef't' i gaz 7 no.12:93-97 '64 (MIRA 18:2)

1. Azerbaydzhanskiy politekhnicheskii institut.

MADATOV, B.Kh.; KASUMOVA, G.M.; KERIMOVA, Z.A.

Mineralogical composition of clays in the Kala series. Azerb.neft.khoz.  
37 no.12:10-11 D '58. (MIRA 12:3)

(Apsheron Peninsula--Clay)



MUSAYEV, I.M.; ADZHALOVA, S.S.; KERIMOVA, Z.A.

Revised data on oil-reservoir rocks in the horizon 1 of the Kyurovdag  
producing formation. Azerb.neft.khoz. 37 no.12:19-22 D '58.  
(MIRA 12:3)

(Ali-Bayramly District--Petroleum geology)

KERDANOVA, MUSTAFAYEVA, N.M.

Abdominal syndrome in lamblasis in children. Azerbaidzh. med.  
zh. 6:55-59 Je'63 (MIRA 17:1)

Asst, Chief of Division of Diseases  
Dissertation: "Use of Naphthalane on Children Suffering from Rickets." Cand Med Sci,  
Azerbaydzhan State Medical Inst, 21 Jun 54. (Bakinskiy Rabochiy, Baku, 12 Jun 54)

SO: SUM 318, 23 Dec 1954

KERIMOW, B.

Distr: 4E3e 2 cys

The Theory of Dirac Particles With Oriented Spin

Sokolow, A.; und Kerimow, B. Zur Theorie der Dirac-Teilchen mit orientiertem Spin. Ann. Physik (7) 2 (1958), 46-53.

The wave functions which describe polarized Dirac particles are written down and are used to discuss polarization effects in  $\beta$ -decay and pion decay.

P. W. Higgs (London)

TIMOFEEV, V.I., inzhener; ~~YERIMZADE, A.S.~~, kandidat tekhnicheskikh nauk;  
KULIYEV, I.P., kandidat tekhnicheskikh nauk.

Inadequacies of the All-Union Standard People's Commissariat of Heavy  
Industry 7687/663 edict "Welding joints and metals." Vest.mash. 33 no.11:  
88-90 N '53. (MIRA 6:12)  
(Welding--Standards)

KERIMZADE, ABUTALYB SAMEDOVICH

N/5

615,917

.K4

Opyt Skorostnoy Svarki Metallokonstruktsiy Morskikh Neftepromyslorykh Sooruzheniy (Test of High-speed Welding of Metal Construction of Marine Oil Industry Installations, By) A. S. Kerimzade, I. P. KULIYEV, I V. I. TIMOFEEV, Baku, Aznefteizdat, 1954.

(42) P. Illus., Diagr., Tables.

Bibliography: P. 140-(142)

KERIMZADE, Abutalyb Samedovich; KULIYEV, Israfil Piri ogly; TIMOFEYEV,  
Vladimir Ivanovich; AGALAROV, F.T., red.; GONCHAROV, I.A., vedushchiy  
red.

[Rapid welding of metal structures at off-shore installations] Opyt  
skorostnoi svarki metallokonstruktsii morskikh neftepromyslovykh  
sooruzhenii. Baku, Azneftizdat, 1954. 141 p. (MIRA 11:5)

(Welding)

(Petroleum industry--Equipment and supplies)

*KERIMZADE A.S.*

ISKENDERZADE, A.M.; KERIMZADE, A.S.; MAYDEL'MAN, N.M.; TIMOFEYEV, V.I.;  
ESIBYAN, E.M.

Automatic pipe welding under flux in the construction of foundations  
for offshore drilling stations. Azerb. neft. khoz. 36 no.12:39-40  
D '57. (MIRA 11:3)

(Pipe--Welding)

(Oil well drilling, Submarine--Equipment and supplies)

SOV/137-58-11-22843

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 145 (USSR)

AUTHORS: Kerim-Zade, A.S., Timofeyev, V.I.

TITLE: The Selection of Welded Joints and Welding Methods for Joining of Gas Pipes Operating Under a Pressure of 250 at (Vybor tipa soyedineniya i sposoba svarki stykov trub gazoprovoda dlya davleniya 250 at)

PERIODICAL: Novosti nef. tekhn. Neftepromysl. delo, 1958, Nr 2, pp 33-36

ABSTRACT: Torch welding or threaded connections (for pipes of 14, 20, and 24 mm in diameter) as well as manual arc welding (for pipes of 70, 102, and 108 mm in diameter) are recommended for joining gas pipes operating under a pressure of 250 at. The pipe sections of a gas line at the "Karadagneft" construction site were assembled in accordance with these recommendations; the pipe line is being operated successfully at the present time.

D. K.

Card 1/1



KERIMZADE, A.S.; ASHURLI, S.I.; AKHONDZOV, B.M.

Polarisation-optical method for studying strains (photoelasticity).  
Azerb.neft.khoz. 37 no.8:46 Ag '58. (MIRA 11:11)  
(Photoelasticity) (Strains and stresses)

KULIYEV, I.P.; TIMOFEEV, V.I.; KERIM-ZADE, A.S.

Joining pipes in laying and repairing subaqueous pipelines.  
Azerb. neft. khoz. 38 no.6:46-47 Je '59. (MIRA 12:10)  
(Pipe fitting)

KERIMZADE, A.S.; AKHMEDOV, B.M.

----- Cyclical tenacity of the metal sucker rods for deep pumps. Azerb.  
neft. khoz. 39 no.1:45-46 Ja '60. (MIRA 14:8)  
(Sucker rods)

37983

S/137/62/000/005/116/150  
A006/A101

10.7400  
AUTHORS: Kerimzade, A. S., Emedov, B. M.

TITLE: On the limited durability of metals

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 97, abstract 5I595  
("Dokl. AN AzerbSSR", 1961, v. 17, no. 9, 779-783, Azerb.; Russian summary)

TEXT: A new method is described of determining the limited durability of metals; this method is distinguished by the low amount of time consumed for testing 2-3 specimens in a speeded-up way. It is based on the testing of standard specimens to circumferential plain bending with continuous increasing amplitude of alternating stresses (at a constant rate of loading). It was established that the "power versus time of stress effect" dependence curves obtained by testing medium-carbon steels, may be replaced by a parabola with < 3% error in the value of plastic work. A formula is derived to determine the service-life index of the metal:

$$N = [n (\sigma_{\max} - \sigma_w)^{3/3} k \sigma_w^2 (m - 1)^2]$$

Card 1/2

On the limited durability of metals

S/137/62/000/005/116/150  
A006/A101

where N is the number of cycles, which the specimen withstands at stresses over  $\sigma_w$ , depending on  $\sigma_w$  of the metal, cyclic strength limit  $\sigma_{\max}$ , coefficient of overload m, loading rate k, and the number of cycles per minute, n. Service-life curves are presented, plotted with the aid of the equation derived from data of testing 40Y (40U) and 20XH (20KhN) grade steel. It is shown that 20KhN steel has a shorter service-life than 40U steel; this is confirmed by experience in operating depth-pump rods manufactured of this steel. There are 4 references.

A. Romanov

[Abstracter's note: Complete translation]

Card 2/2

KERIMZADE, A.S.; CHISTYAKOVA, I.R.

Diagrammatic mechanism with a large scale recording for attachment to the universal machines of hydraulic action. Zav.lab. 27 no.5:618 '61. (MIRA 14:5)

1. Azerbaydzhanskiy nauch-issledovatel'skiy institut neftyanogo mashinostroyeniya.

(Testing machines)



Cyclic Metal Strength (Cont.)

SOV/6025

and growth of fatigue cracks, the role of plastic deformation in fatigue fracture, an accelerated method of determining fatigue strength, the plotting of fatigue diagrams, and various fatigue test methods. New data are presented on the sensitivity of high-strength steel to stress concentration, the effect of stress concentration on the criterion of fatigue failure, the effect of the size factor on the strength of metal under cyclic loads, and results of endurance tests of various machine parts. Problems connected with cyclic metal toughness, internal friction, and the effect of corrosion media and temperature on the fatigue strength of metals are also discussed. No personalities are mentioned. Each article is accompanied by references, mostly Soviet.

TABLE OF CONTENTS:

NATURE OF FATIGUE FRACTURE

Oding, I. A. Diffusionless Mechanism of Formation and Growth of a Fatigue Crack  
Card 2/2

3

Cyclic Metal Strength (Cont.)

SOV/6025

Shapiro, Ye. A. Investigation and Calculation of the Endurance  
Limit of Coiled Springs 291

~~Kerimzade~~, A. S. New Accelerated Method of Testing the  
Endurance of Metals and Its Application in Establishing a  
Rational Way of Strengthening Deep-Pump Rods 300

Zil'berg, Yu. Ya. Fatigue Failure of the Aluminum  
Antifriction Layer of Bimetallic Bushings in Diesel Engines 318

Baranova, N. B. On the Service Life of a Thin-Wall Cast Part  
Under Cyclic Load 323

Papshev, D. D. Increasing the Fatigue Strength of Machine  
Parts by Strengthening Their Surface Layer With Ball  
Burnishing 331

AVAILABLE: Library of Congress

SUBJECT: Metals and Metallurgy  
Card 9/9

DV/wrc/lde  
8/13/62



KERIMZADE, A.S.; AKHMEDOV, B.M.

Endurance limit of metals. Dokl.AN Azerb.SSR 17 no.9:779-783  
'61. (MIRA 15:3)  
(Metals--Fatigue)

S/137/62/000/012/049/085  
A006/A101

AUTHOR: Kerimzade, A. S.

TITLE: A new rapid method of metal endurance testing and its use in establishing an efficient method of strengthening deep-well pump rods

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 102 - 103, abstract 12I633 (In collection: "Tsiklich. prochnost' metallov", Moscow, AN SSSR, 1962, 300 - 317)

TEXT: The author describes a new accelerated method of metal endurance tests during smooth mechanical loading for the purpose of using this method for investigating the cyclic strength of deep-well pump rods and to find a method for their strengthening. A special fatigue-test machine was developed for the cyclic loading of a specimen by plain bending during the smooth increase of the bending moment (the kinematic and electric diagrams of the machine are given and described). The assemblies for the smooth loading of the specimen and for the leveling of the loading lever, are equipped with automatic electric motors

Card 1/2

A new rapid method of metal endurance testing...

S/137/62/000/012/049/085  
A006/A101

and are operating automatically. The power, consumed for rotating the specimen, is recorded with the aid of a self-recording watt-meter. The processing of the curve obtained makes it possible to determine parameters of cyclic strength, such as the endurance limit, cyclic ductility, the plastic deformation work, etc., i.e. to analyze simultaneously the complex of properties, characteristic of the metal fatigue. A number of experimental data are presented on the basis of which the possibility is shown of using torsion in the ductile range for strengthening the components which are subjected during operation to the effect of periodical tensile forces, in particular, the pump rods. It is established that the torsion method is the most effective as compared to the existing methods of mechanically strengthening the pump rods (cold hardening, ductile tension, metal-shot blast, and roller working). In strengthening "20", XH (KH) and 40Y (40U) grade steel pump rods by torsion, they can be subsequently zinc-plated by the thermo-diffusion method (at 460°C for 2.5 hours) for the purpose of corrosion protection. As a result of strengthening the given pump rods (the residual torsion angle is then several tens of revolutions) and subsequent zinc-plating, the static strength of the rods and their durability increase by not less than 40%. There are 19 references.  
[Abstracter's note: Complete translation]

L. Gordiyenko

Card 2/2

S/277/63/000/001/013/017  
A052/A126

AUTHOR: Kerimzade, A.S.

TITLE: New accelerated method of endurance testing of metals and its application to determining a rational process of strengthening bore-hole pump rods

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 48, Mashinostroitel'nyye materialy, konstruktssi i raschet detaley mashin, no. 1, 1963, 29, abstract 1.48.214 (In collection: "Tsiklich. prochnost' metallov." M., AN SSSR, 1962, 300 - 317)

TEXT: A new accelerated method of endurance testing of metals at a gradual increase of the loading moment has been worked out. The loading at a pure bend is performed automatically. The curve of the power used for rotating the sample is recorded by a recording device. All fatigue strength characteristics can be determined from the obtained curve: endurance limit, cyclic toughness, plastic work and cyclic strength limit. The possibility of applying plastic torsion to the strengthening of elements subjected during service to the action of tensile

Card 1/2

New accelerated method of...

5/277/03/000/001/013/017  
A052/A126

forces, in particular pump bars, has been established. It has been established that at the torsional strengthening of pump bars, their subsequent corrosion-protecting thermodiffusion zinc-coating (at 460°C, 2.5 hour holding) is possible. When strengthening bars with a subsequent zinc-coating their static strength and endurance increase by not less than 40%. For 40Y (40U) and 20XH (20KhN) steel the degree of the increase of endurance due to plastic torsion strengthening is in general higher than when three kinds of work hardening, - by tension, torsion and roller burnishing, - are combined. There are 19 references.

[Abstracter's note: Complete translation]

Card 2/2

ACCESSION NR: AT4014048

S/3073/63/000/000/0165/0169

AUTHOR: Kerimzade, A. S.; Akhmedov, B. M.

TITLE: A new method for the determination of the limited wear resistance of metals

SOURCE: Prochnost' metallov pri poromonnny\*kh nagruzkakh; materialy\* tret'yego soveshchaniya po ustalosti metallov, 1962 g. Moscow, Izd-vo AN SSSR, 1963, 165-169

TOPIC TAGS: wear resistance, limited wear resistance, durability, metal durability, machine part lifetime, plastic deformation, overload

ABSTRACT: A new method for determining the lifetime of moving metal machine components is proposed. The method described can be used to predict expected lifetime at any overloading of the components, using a standard sample specimen. The basis for the calculation is provided by the diagram representing the functional relationship between the power  $W$  necessary to revolve the component through a single revolution, and the time  $t$  of operation of the cyclic loading on the component. The following relationship is assumed:  $W = at^2$ , where  $a$  is an absolute constant. The area under this curve characterizes the work of repeated plastic deformation. It was found that there exists a real degree of overloading, characterized by the ratio  $\epsilon_{max}/\epsilon_w$  where  $\epsilon_w =$  the

Card 1/3

ACCESSION NR: AT4014048

strength of the metal and  $\sigma_{max}$  = the limit of its cyclic strength. If the cyclic yield of the metal is attained, then after removing the overloading the power versus time curve becomes a N horizontal straight line. Removing the load does not affect the work done by repeating the plastic deformation. This work can be done by the plastic deformation expressed by:

$$S = W t_m = \frac{\sigma_{max}^2}{3} \quad (1)$$

and the lifetime of the component by:

$$N = n t_m = \frac{\sigma_{max}^2}{3W} \quad (2)$$

$$N = \frac{n (\sigma_{max} - \sigma_W)^2}{3 K \sigma_W^2 (m - 1)^2} \quad (3)$$

where  $s$  = the work done by the second plastic deformation,

$t_m$  = time of overloading,

$n$  = number of revolutions per minute,

$m$  = the coefficient of overloading and

$K$  = the rate of the load increase.

2/3

Cord

ACCESSION NR: AT4014048

The method was applied satisfactorily to steel 40U and 20 ChN and led to the conclusion that the second steel was poorer than the first as a machine component material. Orig. art has: 5 figures and 7 formulas.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 20Feb64

ENCL: 00

SUB CODE: MM

NO REF SOV: 008

OTHER: 002

Card

3/3



KERIMZADE, A.S.; ARBENOV, B.M.; NAJITVARIIDZE, Z.G.; ASKEROV, B.M.

Determining the appropriate degree of hardening for anchor rods.  
Mach. i nefl. obr. no.5:14-19 '65. (MIRA 18:6)

1. Azerbaydzhauskiy mashino-issledovatel'skiy institut neflyanogo  
mashinostroyeniya.

NERINADSE, K. G.; ALEXPEROVA, I. I.

"Nekotorye dannye o prirode shtamma virusa 'baky-7a', vydelenogo iz ayvorotki  
bol'nykh infektsionnym gepatitom."

report presented at Symp on Virus Diseases, Moscow, 6-9 Oct 64.

Nauchno-issledovatel'skiy Institut EMIS, Raku.

YERLI-KH, K. B.

1894. Deyствие nizkogo molennogo Naftalana Na Immunologicheskuyu Reaktivnost' Organizma.  
Baku, 1954. 16s. 12mm. (Azerbaydzk. Gos. Med. In-T). 100 AKZ. Fol. 1.- (54-54563)

88: 'Enishnaya Letopis', Vol. 1, 1955

KERIM-ZADE, K.

Experimental materials on the study of epidemic hepatitis. Report  
No. 1: The role of some viruses isolated in epidemic hepatitis.  
Vop.virus.7 no.5:582-586 S-O '62. (MIRA 15:11)

1. Institut epidemiologii, mikrobiologii i gigiyeny, Baku.  
(HEPATITIS, INFECTIOUS--MICROBIOLOGY)

ALEKPEROVA, A.D., nauchnyy sotrudnik; KERIMZADE, K.G., kand.med.nauk

Ophthalmomyiasis caused by gadfly larvae. Azerb.med.zhur. no.7:80-81  
Л '59. (MIRA 12:12)

1. Iz Azerbaydzhanskogo nauchno-issledovatel'skogo oftal'mologicheskogo  
instituta.

(EYE--DISEASES AND DEFECTS)

(MYIASIS)

MEDZHIDOV, B.F.; KERIM-ZADE, K.G.

Epidemiology of infectious hepatitis in the Azerbaijan S.S.R.  
Vop.virus. 7 no.6:744 N-D '62. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii  
i gigiyeny Azerbaydzhanskoy SSR.  
(AZERBAIJAN—HEPATITIS, INFECTIOUS)

APRIMADE, K.G.; SULAYMANOV, A.G.; YAGLOZINSKAYA, Ye.I.

Pharyngoconjunctival fever in a children's boarding school  
in Baku. Azerb. med. zhur. 41 no.11:69-73 N '64.

(MHA 18:10)

1. Submitted Jan. 17, 1964.

KERIM-ZADE, K.G.

Experimental materials on the study of epidemic hepatitis.

Report No.2: Role of some viruses excreted in this disease.

Vop.med.virus. no.9:41-45 '65.

(MIRA 18:4)

1. Nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii  
i gigiyeny, Azerbaydzhanskoy SSR.



*P-ova 71*

CZECH

Health impairment in preserving hides with sodium  
fluosilicate Jan Kefka, Frantisek Posorny, and Frantisek  
Ficha (KHMŠ; Gottwaldov, Czech. *Průmysl Lékařství*  
7, 102-4(1955).--Cases of acute inflammation of the nasal  
mucous membrane and acute conjunctivitis are described  
in worker handling hides in the presence of sodium  
fluosilicate. The skin contained toxic substances. The  
authorities of the factory are responsible for the  
accident. L. J. Ullrich

SYKOROVA, D.; STRZONDALOVA, H.; KETKA, J.

Experiences in the analysis of causes of low dental caries incidence in children from children's homes in the district of Karvinna. Cesk. stomat. 65 no.3:220-227 My'65.

1. Detske zubni stredisko nemocnice a poliklinikou v Karvine;  
Oddeleni hygieny vyzivy Obvodniho ustavu narodniho zdravi v Karvine.

KERKA, Jan, MUDr.

Hygienist and his role in control of absenteeism in disease. Cesk.  
sdravot. 4 no.10:621-623 Oct 56.

1. Lekar-hygienik KRES, Gottwaldov.  
(INDUSTRIAL HYGIENE,  
absenteism control (Cz))

KERKADZE, L.A.

Use of some biochemical tests at the nursing age in various forms of pneumonia. Soob. AN Oruz. SSR 35 no.2:325-332 Ag '64.

(MIRA 17:12)

KERKAPOLY, E. - Vol. 5, no. 5, May 1955. May! p. 165. - Kozlekedestudományi Szemle.

New methods in tamping ballast. p. 166.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.

KERKAPOLY, E.

Railroad-building conference held in Tatranska Lomnica. p. 131.

KOZLEKEDESTUDOMANYI SZEMLE. (Kozlekedes-es Kozlekedesepitestudomanyi Egyesulet)  
Budapest, Hungary, Vol. 9, No. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959.

UNCL

UNYI, B., Kandidat der technischen Wissenschaften; KERKAPOLY, E.

Welding of switches into jointless railway tracks. Acta  
techn Hung 44 no.1/2:51-72 '63.

1. Ministerium für Verkehr und Postwesen, Budapest (for  
Unyi). 2. Lehrstuhl für Eisenbahnbau und -Betrieb, Technische  
Universität für Bau- und Verkehrswesen, Budapest (for Kerkapoly).

BALOGH, Tibor, tudományos munkatárs; GYIMESI, Ede; KERKAPOLY, Endre, egyetemi docens; HORVATH, Laszlo Gabor, dr.

Again a conference on transportation. Auto motor 17 no.23:3-5 6 D '64.

1. Road Research Institute, Budapest (for Balogh).
2. Division Chief, Central Statistical Office, Budapest (for Gyimesi).
3. Head, Aptitude Testing Station, Hungarian State Railways, Budapest.



VERKACIY, G.

History and lessons from forestation in sandy soil in the vicinity of Szeged. p. 433. (AZ ERDO, Budapest, Hungary), Vol. 3, No. 12, Dec. 1954.

EO: Monthly List of East European Accessions, (REAL), 10, Vol. 4, No. 5, May 1955, Uncl.

S/196/62/000/024/006/014  
E194/E155

AUTHORS: Papp, István; Kerpely, Kálmán; Huszty, Dénes; and  
Kerkay, Andorné

TITLE: A method of preparing anisotropic permanent magnets  
from barium ferrite

PERIODICAL: Referativnyy zhurnal, Elektrotakhnika i energetika,  
no. 24, 1962, 4, abstract 24 B 29 P. (Hung. pat.  
no. 148045, February 15, 1961)

TEXT: The blank of  $\text{BaO} \cdot 0.6\text{Fe}_2\text{O}_3$  is heat-treated in granular  
form with a mean particle size greater than 6 microns, the fraction  
of 6 - 12 microns size being less than 50% by weight. The powder  
is shaken in a periodically varying but unidirectional magnetic  
field not exceeding 500 Oe. After pressing in a magnetic field of  
the same direction and magnitude, the blank is demagnetised in a  
decreasing alternating field and heat-treated. Sintering is  
carried out at 1300-1350 °C for more than one hour, with subsequent  
heat-treatment for 3 - 15 hours at 600-1000 °C. ✓

Card 1/1 [Abstractor's note: Complete translation.]

KERKENIAKOV, N.

Mechanization of construction-facing work. p. 11.

RATSIONALIZATSIIA. Vol. 6, no. 2, Feb. 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

KERKENIAKOV, N.

' KERKENIAKOV, N. For a wider introduction of rationalization in construction. p.16.

Vol. 6, no. 3, Mar. 1956 RATSIONALIZATSILA Sofiya, Bulgaria

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, No. 10  
Oct. 1956

KERKENIAKOV, N.

KERKENIAKOV, N. For the rational use of wood building materials. p. 7. Vol. 6, no. 7, July 1956. RATSIONALIZATSIA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

KERKENIAKOV, N.

"Problems of rationalization measures in the construction industry."

p.8 (Ratsionalizatsiia, Vol. 7, no. 3, Mar. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

KERENTAKOV, N.

"Using waste materials in liquid mixtures for construction."

p. 9 (Ratsionalizatsila) Vol. 7 no. 5, May 1957  
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (SEAI) LC. Vol. 7, no. 4,  
April 1958

KERKENIAKOV, N.

"Machine for taking slaked lime from Lime pit."

p.25 (Ratsionalizatsiia, Vol. 7, no. 3, Mar. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958



KERKENIAKOV, N.

"Small cart for transporting and assembling vibrating parts."

p.26 (Ratsionalizatsiia, Vol. 7, no. 3, Mar. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

KERKENIAKOV, N., arkh.

Some suggestions for cost reduction in building. Ratsionalizatsiia  
11 no.12:15-17 '61.

KERKENIAKOV, N., arkh.

Prefabricated dwelling building. Nauka i tekhn mladezh 14 no.3:3-4  
Mr '62.

KERKENIAKOV, N., arkh.

A new type of concrete slabs for canal lining. Ratsionalizatsiia  
no.5:22 '62.